

WILLIAM WANG

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MANAGEMENT ENGINEERING

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UNIVERSITY OF WATERLOO

Phone: (226) 978-3676

SKILLS SUMMARY

Soft:

- Exceptional teamwork and leadership skills developed from numerous management experiences
- Enhanced analytical and organizational abilities through overseeing processes and data collection
- A quick learner with dedication towards continuous growth in a variety of university and industry settings
- Excellent verbal and written communication established through presentations and technical documents

Technical:

- Adept in using Microsoft Office products (Word, Excel, PowerPoint, Sharepoint, Project, Visio)
- Experienced in the C# programming language with strong technical aptitude for object oriented programming
- Skilled with MySQL, VBA, PHP and HTML with in-depth understanding of relational databases and systems
- Proficient with AutoCAD (2D/3D) and limited working proficiency in Solidworks

EDUCATION

Bachelor of Applied Science (Co-op Program), Management Engineering, University of Waterloo Sept. 2012 – Present

- GPA: 3.7/4.0 (Ranked 6th in the program)

WORK EXPERIENCE

Project Co-ordinator, *St. Michael's Hospital, Toronto, ON* Aug. 2014 – Dec. 2014

- Scoped and developed several operational and capital projects valued at upwards of \$100 000
- Managed an average of 35 ongoing projects in various stages (auditing, scoping, quoting and construction) at one time
- Communicated constantly between clients, vendors and key stakeholders to understand project goals and expectations
- Recommended infrastructure, IT and security upgrades while continuously improving administrative processes via Excel

Project Engineer, *Sofina Foods Inc., Markham, ON* Jan. – Apr. 2014

- Analyzed mechanical, electrical and structural drawings to develop capital projects worth up to \$150 000
- Submitted reports and technical documents, i.e. proposals with projected Excel budgets and analysis for review
- Increased production efficiency using time studies and data analysis
- Led projects regarding productivity, machine installations, facility operations and room redesigns

AutoCAD/Field Technician, *Pinchin Environmental Ltd., Mississauga, ON* May – Aug. 2013

- Supervised and managed environmental procedures by communicating with diverse personnel in the industry
- Drew accurate figures of site plans, excavations, key maps, and cross sectional diagrams in AutoCAD

VOLUNTEER EXPERIENCE

Finance Committee, *Relay for Life, Stephen Lewis Secondary School, Mississauga, ON* Oct. 2011 – June 2012

- Assisted operations in delivering 12-hour event to raise money and awareness for Canadian Cancer Society
- Recorded collection, spending and holding of \$20 000 raised

PROJECT

World Cup Database Website, *University of Waterloo, Waterloo, ON* May 2014 – Aug. 2014

- Constructed ER diagram and developed database using MySQL using real World Cup statistics data
- Wrote code for website front end using HTML and PHP linking statistics database back end

ADDITIONAL

Clubs:

- **Sponsorship Lead,** SAE Baja Motorsports Car Team, *Waterloo, ON* May 2014 – Present
- **Event Coordinator,** Engineers Without Borders, *Waterloo, ON* May 2014 – Dec. 2014
- **CLOUD Executive (School Building),** The New World Community, *Dominican Republic* Sept. 2013 – Aug. 2013
- **Shad Valley Academic Enrichment Program Alumni,** *Ottawa, ON* July – Aug. 2012

Awards:

- **\$2 000 Merit Entrance Scholarship** – University of Waterloo (2012)
- **Platinum Graduate School Involvement Award** – Stephen Lewis Secondary School (2012)
- **Athlete of the Year** – Stephen Lewis Secondary School (2011)

Languages: English, Mandarin, Taiwanese

Interests: travel, cooking, acoustic guitar, sports, volunteering